Substitute for form 1449A/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Application Number	10/716671
Filing Date	11/18/63
First Named Inventor	Chang Hee Hyoung
Art Unit	2817
Examiner Name	S. HAM
Attorney Docket Number	51876P410

Complete if Known

U.S. PATENT DOCUMENTS					
Examiner Cite No.1	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Number - Kind Code <sup>2</sup> (if known)				
SM		US-5334959	08-02-1994	Krafcsik et al.	
ons		US-5379007	01-03-1995	Nakahara	
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		FOI	REIGN PATEN	IT DOCUMENTS		
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	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		1º	
371		2 <del>002-28258</del> KR 2002 -28258	04-17-2002	Electronics and Telecommunications Research		
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Examiner Signature	Sens K. Han	Date Considered	11/29/04
Digitature		Considered	1-9-7

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must procede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if Engish tanguage Translation is attached.

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		Application Number	10/216.521	
		Filing Date	11/18/03	
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		Art Unit	2817	
		Examiner Name	S. HAM	
Sheet	of	Attorney Docket Number	51876P410	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
an		"Microwave ICI control components for phased-array antennas", Electronics & Communications Engineering Journal, June 1992, Pages 123-130	
as		"An Ultra-Broad-Band Reflection-Type Phase-Shifter MMIC With Series and Parallel LC Circuits", K. Miyaguchi, IEEE Transactions on Microwave Theory and Techniques, Vol. 49, No. 12, Dec. 2001, pages 2446-2452	
w		"A Single Chip X-Band Phase Shifter With 6 Bit Uncorrected Phase Resolution and More Than 8 Bit Corrected Phase Resolution", T. Tieman, et al, 1992 IEEE MTT-S Digest, pages 171-174	
an		"4:1 Bandwidth Digital Five Bit MMIC Phase Shifters", D.C. Boire, IEEE 1989 Microwave and Millimeter-wave Monolithic Circuits Symposium, pges 69-73	
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